=> s nocardiopsis (a)sp.
L1          205 NOCARDIOPSIS (A) SP.

=> s portease?
L2           74 PORTEASE?

=> s protease?
L3       382720 PROTEASE?

=> s l1 and l3
L4           27 L1 AND L3

=> s homolog? or identit?
L5      1256891 HOMOLOG? OR IDENTIT?

=> s l4 and l5
L6            1 L4 AND L5

=> d all

L6    ANSWER 1 OF 1      MEDLINE
AN    2001061976      MEDLINE
DN    20498785    PubMed ID: 11042393
TI    Comparative characterization of two serine endopeptidases from
      **Nocardiopsis sp.** NCIM 5124.
AU    Dixit V S; Pant A
CS    Division of Biochemical Sciences, National Chemical Laboratory, 411008,
      Pune, India.
SO    BIOCHIMICA ET BIOPHYSICA ACTA, (2000 Oct 18) 1523 (2-3) 261-8.
      Journal code: 0217513. ISSN: 0006-3002.
CY    Netherlands
DT    Journal; Article;  JOURNAL ARTICLE
LA    English
FS    Priority Journals
EM    200012
ED    Entered STN: 20010322
      Last Updated on STN: 20010322
      Entered Medline: 20001228
AB    A **protease**-producing, crude oil degrading marine isolate was
      identified as **Nocardiopsis sp.** on the basis of the
      morphology, cell wall composition, mycolic acid analysis and DNA base

                                          protease
      ... chromatography. **Protease** I and II ... almost similar M ...
      kDa **Protease** I and 21 kDa **Protease** II, pI of 8.5
      and 7.0 respectively with pH and temperature optima ...

U/mg respectively on casein. However, **Protease** I was
antigenically unrelated to **Protease** II. Both **proteases**
were endopeptidases and required extended substrate binding for catalysis.
Both **proteases** had collagenolytic and fibrinolytic activity but
only **Protease** I had elastinolytic activity. The
**proteases** were chymotrypsin-like with respect to their amino acid
compositions and N-terminal sequences.

CT    Check Tags: Comparative Study; Support, Non-U.S. Gov't
     Actinomycetales: CL, classification
    *Actinomycetales: EN, enzymology
     Actinomycetales: IP, isolation & purification
     Amino Acid Sequence
     Chromatography, Gel
     Chromatography, Ion Exchange
     Kinetics
     Molecular Sequence Data
     Seawater: MI, microbiology
     Sequence Alignment
      **Sequence Homology, Amino Acid**
     Serine Endopeptidases: CH, chemistry
     Serine Endopeptidases: IP, isolation & purification
    *Serine Endopeptidases: ME, metabolism
     Substrate Specificity
     Thermodynamics

CN    EC 3.4.21 (Serine Endopeptidases)

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  NEWS  1            Web Page URLs for STN Seminar Schedule - N. America
  NEWS  2            "Ask CAS" for self-help around the clock
  NEWS  3   Jun 03   New e-mail delivery for search results now available
  NEWS  4   Aug 05   PHARMAMarketLetter(PHARMAML) - new on STN
  NEWS  5   Aug 19   Aquatic Toxicity Information Retrieval (AQUIRE)
                     now available on STN
  NEWS  6   Aug 26   Sequence searching in REGISTRY enhanced
  NEWS  7   Sep 03   JAPIO has been reloaded and enhanced
  NEWS  8   Sep 16   Experimental properties added to the REGISTRY file
  NEWS  9   Sep 16   CA Section Thesaurus available in CAPLUS and CA
  NEWS 10   Oct 01   CASREACT Enriched with Reactions from 1907 to 1985
  NEWS 11   Oct 24   BEILSTEIN adds new search fields
  NEWS 12   Oct 24   Nutraceuticals International (NUTRACEUT) now available on STN
  NEWS 13   Nov 18   DKILIT has been renamed APOLLIT
  NEWS 14   Nov 25   More calculated properties added to REGISTRY
  NEWS 15   Dec 04   CSA files on STN
  NEWS 16   Dec 17   PCTFULL now covers WP/ECT Applications from 1978 to date
  NEWS 17   Dec 17   TOXCENTER enhanced with additional content
  NEWS 18   Dec 17   Adis Clinical Trials Insight now available on STN
  NEWS 19   Jan 29   Simultaneous left and right truncation added to COMPENDEX,
                     ENERGY, INSPEC
  NEWS 20   Feb 19   CANCERLIT is no longer being updated
  NEWS 21   Feb 24   METADEX enhancements
  NEWS 22   Feb 24   PCTGEN now available on STN
  NEWS 23   Feb 24   TEMA now available on STN
  NEWS 24   Feb 26   NTIS now allows simultaneous left and right truncation
  NEWS 25   Feb 26   PCTFULL now contains images
  NEWS 26   Mar  4   SDI PACKAGE for monthly delivery of multifile SDI results
  NEWS 27   Mar  5   SCISEARCH will be removed from STN
  NEWS 28   Mar 14   PATDPAFULL now available on STN
  NEWS 29   Mar 24   Additional information for trade-named substances without
                     structures available in REGISTRY
  NEWS 30   Apr 11   Display formats in DGENE enhanced
  NEWS 31   Apr 14   MEDLINE Reload
  NEWS 32   Apr 17   Polymer searching in REGISTRY enhanced
  NEWS 33   Apr 21   Indexing from 1947 to 1956 being added to records in CA/CAPLUS
  NEWS 34   Apr 21   New current-awareness alert (SDI) frequency in




  NEWS          May          Improved information for BIOBLAST and BIOMED in
  NEWS          May 14    CHEMREACT will be removed from STN
  NEWS          May       Simultaneous left and right truncation

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                    right truncation
NEWS 42   Jun 06  Simultaneous left and right truncation added to CBNB
NEWS 43   Jun 06  PASCAL enhanced with additional data

NEWS EXPRESS    April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
                MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
                AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS      STN Operating Hours Plus Help Desk Availability
NEWS INTER      General Internet Information
NEWS LOGIN      Welcome Banner and News Items
NEWS PHONE      Direct Dial and Telecommunication Network Access to STN
NEWS WWW        CAS World Wide Web Site (general information)
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FILE 'HOME' ENTERED AT 11:16:04 ON 09 JUN 2003

=> file medline embase biosis biotrechds scisearch hcaplus ntis lifescinocardiopsis
(a)sp.
'BIOTRECHDS' IS NOT A VALID FILE NAME
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.
ENTER A FILE NAME OR (IGNORE):ena

=> file medline embase biosis biotrechds scisearch hcaplus ntis lifesci
'BIOTRECHDS' IS NOT A VALID FILE NAME
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.
ENTER A FILE NAME OR (IGNORE):biotechds
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                  ENTRY         SESSION
FULL ESTIMATED COST                                 1.41            .41

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